



Borough of Cleethorpes.

ANNUAL REPORT

ON THE

Health and
Sanitary Conditions

FOR THE YEAR, 1948.

C. A. McCLEARY,

M.B., B.Ch., B.A.O., D.P.H.

Medical Officer of Health.




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Table of Contents.

Health Committee Members	5
Public Health Staff	5
Introductory Letter	6

SECTION A.—Statistics and Social Conditions.

General Statistics	...	Page 8	Vital Statistics	...	Page 8
Social Conditions	...	8	Causes of Death	...	9
Unemployment	...	8			

SECTION B.—General Provision of Health Services.

Laboratory Facilities	...	12	Hospitals	...	13
Ambulance Facilities	...	12	Maternity Home	...	13, 14
Nursing at Home	...	12	School Medical Services	14, 15, 16	
Clinics	...	12			

SECTION C.—Sanitary Circumstances.

Water	...	18, 19	Sanitary Inspection	...	21
Drainage and Sewerage	...	19	Swimming Pool	...	21
Rivers and Streams	...	19	Factories Workshops and		
Closet Accommodation	...	19	Workplaces	...	22
Public Cleansing	...	19—21	Outwork	...	23

SECTION D.—Housing.

Housing Statistics	...	26, 27	Overcrowding	...	27
Nuisances	...	27			

SECTION E.—Inspection and Supervision of Food.

Examination of Milk Supply	...	...	Milk Supply	...	30
and Ice Cream	...	30			

SECTION F.—Prevalence of and Control over Infectious and other Diseases.

Infectious Diseases			Prevention of Blindness	33
Generally	32—35		Tuberculosis	34, 35
Immunisation against			Bacteriological	
Diphtheria	...	33	Examinations	...
Cancer	...	33		

Report on the Meteorological Conditions prevailing at				
Cleethorpes during 1948	...	...	38, 39, 40	

Health Committee Members, 1947-48.

Chairman :	Ald. E. Houghton, J. P.
Vice-Chairman :	Coun. F. Broddle, J.P., Mayor.
Ald. A. W. Cox.	Ald. W. F. George.
Ald. F. Rhodes.	Coun. D. Fairlie.
Coun. H. Holmes.	Coun. E. F. Marklew.
Coun. B. Marks.	Coun. G. R. Sinderson.

Staff of the Health Department.

Medical Officer of Health, C. F. Lynch, M.B., B.Ch., B.A.O., D.P.H.	(Resigned 14-7-48.)
Chief Sanitary Inspector and Cleansing Superintendent :	Herbert Brant, M.R.San.I., F.S.I.A.
Sanitary Inspector, No. 2 District :	G. H. Cooper, M.S.I.A.
Pupil Sanitary Inspectors :	J. P. Emerson. (Commenced Government Training Course, Nov. 1948.)
	D. H. Hibbert.
	D. St. J. Frost.
	D. W. Keightley (Appointed 11-10-48.)

The following members of the County Staff carried out work within the Borough :

Dr. C. F. Lynch, Tuberculosis and School Medical Officer.	(Resigned 14-7-48.)
Dr. E. M. Mockler	Maternity and Child Welfare.
Mr. F. E. Padgett	Dental Surgeon.
Miss E. E. Jenkinson	Health Visitor.
Miss C. Clark,	Health Visitor.
Mrs. R. M. Ward	Health Visitor.
Miss D. Atkin	Health Visitor.
Mrs. Shute	Secretary.
Miss L. Plumb	Home Help Organiser.

Consultant services were afforded by the following :—

Mr. S. M. Thompson, Orthopædic Surgeon, (to 5-7-48) Mr. M. Spencer-Harrison, Surgeon E.N.T. ; Dr. J. W. Brown, Heart Specialist ; Dr. W. G. Davidson, and Dr. H. S. Vivian, Ophthalmologists.

HEALTH DEPARTMENT, CLEETHORPES.

To the Mayor, Aldermen and Councillors of the Borough of Cleethorpes.

GENTLEMEN,

I have the honour to present the Annual Report on the Health and Sanitary Conditions of the Borough for the year 1948.

Dr. C. F. Lynch resigned on the 14th July, 1948, to take up the appointment of Medical Officer of Health to the County Borough of Dover, Dr. J. W. Brown acting as Medical Officer of Health to the Borough until I commenced duties on the 1st February, 1949.

The Birth Rate was 20.46 per thousand of the population which is a decrease of 2.93 on the rate for 1947. The corresponding rate for England and Wales was 17.9 and for the smaller towns 19.2.

The Death Rate was 9.95 per thousand, a decrease of 2.61 on the rate for the previous year. The rates for England and Wales and the smaller towns were 10.8 and 10.7, respectively.

The Infantile Mortality Rate showed a marked decline from 48.17 per thousand live births in 1947 to 27.11 in the year under review. The corresponding rate for England and Wales was 34 and for the smaller towns 32. There were no maternal deaths during the year.

The incidence of notifiable infectious diseases showed an increase compared with the previous year due to the greater number of notifications of Measles and Whooping Cough. There were 10 deaths from infectious diseases compared with 18 in 1947. There was also a decrease in the number of deaths from Tuberculosis. Six more deaths than in 1947 occurred from Cancer.

The Borough maintained its high standard of hygiene and sanitation during the year, and any conditions liable to affect injuriously the health of the community were promptly dealt with. 280 dwelling houses were rendered fit by informal action and 59 after Statutory Notices.

Several changes in administration occurred on 5th July, 1948, when the National Health Service Act 1946 came into force. These are referred to under the appropriate sections.

I wish to tender my appreciation and thanks to the County Medical Officer, Lindsey Council Council, the Borough Surveyor of Cleethorpes and my Chief Sanitary Inspector for much of the information contained in this Report.

I have the honour to be, Gentlemen,

Your obedient servant,

C. A. McCLEARY,

Medical Officer of Health.

SECTION A.
STATISTICS
AND
SOCIAL CONDITIONS.

SECTION A. Statistics and Social Conditions of the Area.

General Statistics.

Area of Borough in acres (above high water mark)	2250
Registrar-General's estimate of Resident population (mid-1948)	28,830
Number of inhabited houses (end of 1948)	8,408
Rateable Value, 1st April, 1948	£157,572
Sum represented by a penny rate	£620

Unemployment.

1. Average weekly number of persons in receipt of ordinary relief during the period 1st January—4th July, 1948 was 328
(as compared with 326 for the previous year)
2. Average weekly number of persons in receipt of relief on account of unemployment was ... Nil
(as compared with Nil the previous year.)
3. The total amount of relief granted in the Borough during the period 1st Jan.,—4th July 1948, was £7,481 3s. 9d

The figures are given to 4th July, 1948, only, as on that date poor law was abolished and the granting of assistance passed to the National Assistance Board.

Vital Statistics.

		Total Male Female				
Live Births	Legitimate	564	285	279	Birth Rate per 1,000 of the estimated resident population ...	20.46
	Illegitimate	26	11	15		
Still Births	Legitimate	9	5	4	Rate per 1,000 total (live and still births) ...	20.84
	Illegitimate	2	2	Nil		
Death Rate per 1,000 of the estimated resident population ...					9.95	
Death Rate per 1,000 for England and Wales					10.8	
Deaths from Puerperal Causes (Headings 29 and 30 of the Registrar-General's Short List).						
					Rate per 1,000 (total live and still births.)	
No. 29. Puerperal Sepsis					Deaths	
					Nil	Nil
No. 30. Other Maternal causes...					Nil	Nil
Death Rate of Infants under one year of age :--						
All infants per 1,000 live births... ..					27.11	
Legitimate infants per 1,000 legitimate live births					26.59	
Illegitimate infants per 1,000 illegitimate live births					38.46	
Deaths from Cancer (all ages)					49	
Deaths from Measles (all ages)					Nil	
Deaths from Whooping Cough (all ages)					1	
Deaths from Diarrhoea (under 2 years of age)					2	

4. Causes of Death in Borough of Cleethorpes.

CAUSES OF DEATH.			1948	
			Males	Fem.
1 Typhoid and Paratyphoid Fever	—	—	—	—
2 Cerebro-Spinal Fever	—	—	—	—
3 Scarlet Fever	—	—	—	—
4 Whooping Cough	1	—	1	—
5 Diphtheria	—	—	—	—
6 Tuberculosis of Respiratory System... ..	4	3	4	3
7 Other forms of Tuberculosis	1	2	1	2
8 Syphilis	1	2	1	2
9 Influenza	—	—	—	—
10 Measles	—	—	—	—
11 Acute Poliomyelitis and Polioencephalitis	—	—	—	—
12 Acute infectious Encephalitis	—	—	—	—
13 Cancer of buccal cavity and oesophagus (male)... .. and uterus (female)	3	4	3	4
14 Cancer of stomach and duodenum	2	2	2	2
15 Cancer of breast	—	2	—	2
16 Cancer of all other sites	22	14	22	14
17 Diabetes	2	1	2	1
18 Intra Cranial Vascular Lesions	12	22	12	22
19 Heart Disease	43	40	43	40
20 Other diseases of the circulatory system	3	6	3	6
21 Bronchitis	14	5	14	5
22 Pneumonia	4	5	4	5
23 Other Respiratory Diseases	2	2	2	2
24 Ulcer of the stomach or duodenum	4	—	4	—
25 Diarrhoea under two years	2	—	2	—
26 Appendicitis	1	—	1	—
27 Other Digestive Diseases	5	1	5	1
28 Nephritis	1	2	1	2
29 Puerperal and post-abortive Sepsis... ..	—	—	—	—
30 Other Maternal Causes	—	—	—	—
31 Premature birth	2	1	2	1
32 Congenital malformation, birth injury infantile diseases	1	3	1	3
33 Suicide	2	1	2	1
34 Road traffic accidents	1	—	1	—
35 Other violent causes	3	1	3	1
36 All other causes	17	15	17	15
TOTALS			153	134

SECTION B.

GENERAL PROVISION

OF

HEALTH SERVICES

Section B.—General Provision of Health Services of the Area.

(a) Laboratory facilities.

These are available for the examination of throat and nose swabs, sputum, etc., at the Public Health Department, Council Offices, Cleethorpes, to which address specimens should be sent.

(b) Ambulance facilities.

Provision of an ambulance service became the responsibility of the Lindsey County Council on 5th July, 1948, in accordance with the National Health Service Act, 1946.

(c) Nursing at Home.

Three District Nurses are stationed in Cleethorpes and are members of the Lindsey Nursing Association. The Lindsey County Council also provide the services of a nurse for cases of Ophthalmia Neonatorum to be nursed at home, when requested by General Medical Practitioners.

(d) Clinics.

The Lindsey County Council from the Clinic, St. Hugh's Avenue, Cleethorpes, provide the following specialist and consultant services :—

Clinics, St. Hugh's Avenue, Cleethorpes.

CLINIC	DAY	HOURL
School	Wednesday	9-30 a.m.
School Nurse attends for treatments	{ Monday, Wednesday and	
	Thursday	9-30 a.m.
	{ Tuesday and Friday	2 p.m.
Eye	Friday (by appointment)	10 a.m.
Infant Welfare	Monday and Thursday	2 p.m.
Toddlers	Monday	9-30 a.m.
Ante-Natal	Tuesday	9-30 a.m.
Special treatment (Female)	Thursday	10-30 a.m.
Massage	Monday and Thursday	10 a.m.
U.V.R.	Monday and Thursday	9-30 a.m.
Dental	Daily	9-30 a.m.
Rheumatism and Heart	Monthly (by appointment)	2 p.m.

Tuberculosis. The Tuberculosis Clinic functioned as in previous years until it became merged with the Grimsby Chest Clinic on 1st October, 1948, under the National Health Service Act, 1946. Patients now attend at the Chest Clinic, "Abbey Villa," Abbey Road, Grimsby.

Orthopædic. Since 5th July, 1948, all Orthopædic patients have been seen by appointment at the Grimsby General Hospital.

Diphtheria Immunisation Sessions are held at the School and Infant Welfare Clinics on the appropriate days.

By arrangement with the County Borough of Grimsby facilities for the diagnosis and treatment of venereal disease are available at the V.D. Clinic, 38 Queen Street, Grimsby.

The diagnosis and Treatment of venereal disease became the responsibility of the Reginal Hospital Board, on 5th July, 1948.

(e) Hospitals.

Facilities exist for the treatment of Infectious Disease at the Isolation Hospital, Osgodby, and the Grimsby Isolation Hospital.

Maternity Home, Cleethorpes.

This Home was administered by the Lindsey County Council up to 5th July, 1948. After that date the administration passed to the Regional Hospital Board through the Grimsby Hospital Management Committee.

This report is included by the courtesy of the Secretary of the Grimsby Hospitals Management Committee.

1.	Name and address of the Institution.	County Maternity Home, Mill Road, Cleethorpes, Lincs.				
2.	Number of Maternity beds in the Institution (exclusive of isolation and labour beds) at 31/12/48.	28				
3.	Number of Maternity cases admitted during the year	634				
4.	Average duration of stay of cases in the lying-in wards	12.37 days				
5.	Number of cases delivered by					
	(a) Midwives	...	...	...	...	436
	(b) Doctors	...	...	...	...	149
6.	Number of cases in which medical assistance was sought by a midwife in emergency...	...	...	...	...	64
7.	Number of cases admitted after delivery	...	..	Nil		
8.	Number of cases notified as					
	(a) puerperal fever	...	...	...	...	Nil
	(b) puerperal pyrexia	...	...	...	...	1
9.	Number of cases of pemphigus neonatorum ... Born with intra-uterine pemphigus.	...	...	Nil		
10.	(a) Number of infants not entirely breast fed while in the Institution	...	...	...	...	126
	(b) Number of infants wholly breast fed on leaving the Institution	...	...	...	...	447
11.	(a) Number of cases notified as ophthalmia neonatorum	Nil				
	(b) Result of treatment in each case.	—				
12.	Number of maternal deaths	...	..	Nil		

13. (a) Number of stillbirths 13
 (b) Cause in each case and results of post-mortem
 (if available)
- | | |
|------------------------------------|------------------------------|
| 5 Premature. | 1 Extended Breech. |
| 1 Premature Anencephalic. | 1 Anencephalic. |
| 2 Premature and Breech
(twins.) | 1 Premature and Abnormality. |
14. Number of infant deaths within 10 days of birth 13
 (b) Cause of death :
- | | |
|---------------------------------|-----------------------------|
| 9 Premature. | 1 Congenital Heart Disease. |
| 1 Enlarged Liver (Post Mortem). | 1 Hæmorrhagic Disease. |
| | 1 Shock at Birth. |

General Hospital facilities are available at the Grimsby and District Hospital and at the Lindsey County Council Infirmary, Louth.

A. School Medical Services.

These services are provided by the County Council and I am indebted to the County Medical Officer for permission to include the following details of work carried out during the year in my capacity as School Medical Inspector.

ROUTINE MEDICAL INSPECTION (exclusive of special and supervisory examinations).				
GROUP.	Number of Children Inspected	Individual Children found to require treatment (excluding uncleanliness and dental diseases)		
1.	2.	3.		
Prescribed Groups.		Vision.	Other Defects.	Total.
Entrants	471	2	81	83
Second Age Group	420	31	59	82
Third Age Group	126	13	12	25
Total (prescribed groups)	1017	46	152	190

B. Defects found in the course of Medical Inspection.

DEFECT.	Routine Inspections		Special Inspections	
	Requiring Treatment	Requiring observation but not Treatment	Requiring Treatment	Requiring observation but not Treatment
SKIN.	12	25		
EYE.				
(a) Defective Vision (excluding Squint)	46	35	1	
(b) Squint	3	11		
(c) Other conditions	8	16		
EAR.				
Defective Hearing	4	10	1	
Otitis Media	4	6	1	
Other Ear Diseases	10	29		
NOSE AND THROAT.	53	140	2	1
ENLARGED CERVICAL GLANDS.	4	45		
DEFECTIVE SPEECH.	3	12	1	
HEART AND CIRCULATION.	12	6		
LUNGS.	16	50	1	
DEVELOPMENTAL.				
(a) Hernia	2	8		
(b) Other	2	5		
ORTHOPÆDIC				
(a) Posture		3		
(b) Flatfeet	1	40		
(c) Other	8	51		
NERVOUS SYSTEM.				
Epilepsy				
Other conditions	1	3		
PSYCHOLOGICAL.				
(a) Development	15	9	5	11
(b) Stability	3	3	1	
OTHER DEFECTS AND DISEASES. (Excluding Uncleanliness and Dental Diseases)	21	35	1	

C. State of Nutrition.

All scholars examined were classified in 3 groups : —A.—Good.
B.—Fair, C.—Poor.

GROUP	A.	B.	C.
Entrants	60	378	33
Second age group	101	278	41
Third age group	35	74	17
<hr/>			
Total (prescribed groups)	196	730	91

SECTION C.
SANITARY CIRCUMSTANCES.

Section C.—Sanitary Circumstances of the Area.

1. (1) Water Supply.

The water supply has been satisfactory both as regards quality and quantity. The supply is by pipe from the Grimsby, Cleethorpes and District Joint Water Board's undertaking and is constant.

Bacteriological and chemical examination of samples from the source of supply are carried out monthly and results of these examinations are supplied to the Medical Officer of Health.

Samples are also taken periodically by the Health Department from the supply as delivered to the public and submitted for bacteriological examination.

The following is a copy of a report on a sample taken by the Water Board on the 17th June, 1948 :

The Counties Public Health Laboratories,
66 Victoria Street, London, S.W.1.

Chemical Results in Parts per 1,000,000.

Appearance	Clear and bright.	Turbidity (Silica Scale)	Nil.
Colour (Hazen)	Nil	Odour	Nil.
Reaction pH	Neutral : 7.3	Free Carbon Dioxide	16
Electric Conductivity at		Total Solids	
	20° C. 640	dried at 180° C.	430
Chlorine in Chlorides	82	Alkalinity as	
		Calcium Carbonate	220
		Non-carbonate (Permanent)	45
Hardness	Total : 265	Carbonate (Temporary)	220
Nitrogen in Nitrates	1.6	Nitrogen in Nitrites	Absent
Free Ammonia	0.000	Residual Chlorine	Nil
Albuminoid Ammonia	0.000	Oxygen Absorbed in 4 hrs.	
		at 27° C.	0.00

Metals. Iron, less than .03

Other Metals Absent.

Bacteriological Results.

	1 day at 37° C.	2 days at 37° C	3 days at 20° C
Number of Colonies developing on Agar per cc. or ml. in	0	0	14
Presumptive Coliform Reaction	Present in —	Absent from 100 ml.	
Bact. coli.	Present in —	Absent from 100 ml.	
Cl. welchii Reaction	Present in —	Absent from 100 ml.	

This sample is clear and bright in appearance, neutral in reaction and free from metals apart from a negligible trace of Iron. The water is hard in character but not to an abnormal degree, contains no excess of salinity or mineral constituents in solution and is of the highest standard of organic and bacterial purity.

These results are consistent with a pure and wholesome water suitable for the purposes of a public supply.

(Signed) GORDON MILES, B. Sc., F.R.I.C.

Wells	{	New sunk	Nil
		Cleansed, repaired	Nil
		Closed as polluted	Nil
Public Supply	{	Area supplied :—Whole area except 36 houses in North Sea Lane and Humberstone Road district.	
		Percentage of houses supplied	99·57%

(2) Drains.

Drains examined, tested, exposed, etc.	57
Drains unstopped, repaired, trapped, etc.	217
Waste pipes, rain water pipes disconnected, repaired, etc.	70
New soil pipes or ventilating shafts fixed	124
Existing soil pipes or ventilating shafts repaired	9
Drains reconstructed	Nil

2 Rivers and Streams.

A small stream known as the Buck Beck which is polluted before reaching the Borough discharges on the Foreshore.

3 (i) Closet Accommodation.

Number of houses with privy vaults in district ..	Nil
Number of houses with pail closets in district ..	18
Number of pail closets repaired	Nil
Number of pail closets substituted for privy vaults	Nil
Number of houses with water closets in district ..	8,404
Number of water closets substituted for dry receptacles	Nil
Number of water closets repaired	20

Cesspools.

Cesspools rendered impervious	Nil
Cesspools emptied, cleansed, etc.	Nil
Cesspools abolished	Nil

(ii) House Refuse.

Number of covered ashpits	Nil
Number of uncovered ashpits	Nil
Number of bins substituted for ashpits	Nil
Refuse is removed by Local Authority.	
Number of houses using bins	8,420
Refuse is removed from each house once weekly.	
Number of complaints for non-removal	12
Method of final disposal—Refuse Destructor, Salvage and Controlled Tip at Anthony's Bank, Humberston Land.	

CLEANSING SERVICE.

The following particulars of operations in the Cleansing Department relate to the year ended 31st March, 1949.

Refuse Collection.

Loads and estimated weight of house and trade refuse collected during the year :—

By Motor Vehicle	...	5,408 loads	7,168 tons
By Horse-drawn Vehicle		104 loads	39 tons
4,267 loads of the collected refuse were weighed.			

Estimated gross expenditure on refuse collection for the year was £7,591. Gross income for the year was £4. Net cost per ton £1 1s. 1½d.

Refuse Disposal.

The house and trade refuse dealt with was disposed of as follows :—

4,234 tons to Disposal Works.
2,947 tons to Humberston Land Reclamation Scheme.
26 tons to Farmland.

Estimated gross expenditure of refuse disposal for the year £4,453. Gross Income £1,335. Net cost per ton 8s. 7¼d.

Salvage.

Total receipts of salvage sales during the year £1,334 18s. 8d

Materials Sold.	Tons. Cwts. Qrs.			Receipts.		
				£	s.	d.
Mixed waste paper	...	147	17	3	960	12 9
Baled scrap tins	...	108	13	0	163	8 6
Mixed textiles	...	2	3	1	31	16 0
Bottles and Jars	...	1,621	Dozen		94	12 2
Mixed scrap iron	...	20	4	2	22	12 7
Bones	...		19	1	7	10 8
Screened ash and clinker	...	63	6	1	6	6 9
Non-Ferrous metals	...	2	0	0	44	5 3
Salvaged Wood	1	0 0
Miscellaneous	2	14 0

Gully Cleansing.

The number of gullies cleansed was :—

5,062 Street Gullies. 1,156 Passage Gullies.
185½ cart-loads of refuse removed from gullies.
Cost of work for the year :—£105.

Passage Cleansing.

459 barrow-loads of refuse were removed from back passages.

The cost of this work for the year was £125.

Public Conveniences.

Eleven of the public conveniences provided by the Corporation are under the control of the Cleansing Department. Toilet accommodation is provided at seven of the conveniences. Total number of W.Cs. provided 58.

Depot Weighbridge.

The weighbridge was used as follows :—

Departmental weighings during the year	...	6,376
Public Weighings	... ..	207

Refuse Receptacles.

161 Dust Bins were provided by owners of properties in replacement of defective receptacles following informal or formal notices. Four dust bins were provided by the local authority in default of owners.

Sanitary Inspection of the Area.

Movable Dwellings, Tents, Vans, etc.

Number inspected during the year	...	3
Number of nuisances abated therefrom	...	Nil
Number removed from the district...	...	Nil
Vans in district at end of year	... ..	1

Offensive Trades.

Number of premises in the District :—Nil.

Fat Melters	... ..	Nil
Fried Fish Shops	... ..	30
Contraventions	... ..	2
Contraventions remedied	... ..	2
Number of inspections	... ..	35

There are no Bye-laws in operation.

Closet Accommodation.

No conversions were carried out during the year.

Swimming Baths and Pools.

There is one open air swimming pool of some 2,000,000 gallons capacity. A continuous filtration and chlorination plant is installed.

The working of the plant is satisfactory and efficient as shown by the results of periodical bacteriological and chemical examination of the water.

FACTORIES AND WORKPLACES.

1.—INSPECTION.

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written Notices (4)	Prosecutions (5)
FACTORIES (Including Factory Laundries)	153	227	1	0
WORKPLACES (Other than out- workers' premises)	48	50	0	0
Total ...	201	277	1	0

2. DEFECTS FOUND.

Particulars (1)	Number of Defects			No. of Prosecutions (5)	
	Found (2)	Remedied (3)	Referred to H.M. Inspector (4)		
<i>Nuisances under the Public Health Acts</i>					
Want of Cleanliness ... ..	...	...	...	...
Inadequate Ventilation ... ..	...	...	...	...
Overcrowding ... ..	...	...	...	...
Ineffective Drainage of Floors ... ..	...	...	...	...
Other Nuisances ... ..	...	...	...	...
Sanitary { Insufficient ... ..	...	...	...	...
Accommo- { Unsuitable or Defective	5	5	...	...
dation { Not separate for Sexes	...	...	...	...
<i>Offences under the Factory and Workshop Acts</i>					
Illegal occupation of underground					
Bakehouses (S.101) ... ..	...	...	...	...
Other Offences					
(Excluding offences relating to outwork)	...	...	...	...
Total	5	5	0	0	

Bakehouses.

Number in district...	...	...	35
Number of underground bakehouses	...	...	Nil
Number of inspections	...	...	188
Contraventions of Factory Acts	...	...	3
Defects remedied ...	...	...	3

OUTWORK (Sections 110 and 111).

Nature of Work	SECTION 110.			SECTION 111.		
	No. of out-workers in Aug. list req. by Sec. 110.	No. of cases of default in sending lists.	No. of prosecutions	No. of instances of work in unwholesome premises	Notices served	Prosecutions
Wearing apparel. Making, etc., Cleaning and Washing...						
Household Linen. ...						
Lace, Lace curtains and nets...						
Curtains, Furniture hangings...						
Furniture and Upholstery ...						
Electro-plating						
File making						
Brass and Brass art ...						
Fur pulling						
Iron, steel cables and chains						
Iron, Steel anchors Grapnels						
Cart Gear						
Locks, Latches and keys ...						
Umbrellas						
Artificial flowers						
Nets, other than wire nets ...	12					
Tents						
Sacks						
Raquet and tennis balls ...						
Paper bags						
The making of boxes or other receptacles or parts thereof made wholly of partially of paper ...						
Brush making						
Pea picking						
Feather sorting						
Carding etc. of buttons ...						
Stuffed toys						
Basket making						
Chocolates and Sweetmeats ...						
Cosaques, Christmas crackers						
Christmas stockings						
Textile weaving						
Lampshades						
TOTALS ...	12					

SECTION D.
HOUSING.

Section D.—HOUSING.

1. Inspection of Dwelling Houses during the year—

(1). (a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	192
(b)	Number of inspections made for the purpose...	2,755
(2). (a)	Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	11
(b)	Number of inspections made for the purpose ...	17
(3).	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	Nil
(4)	Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	182

2. Remedy of Defects during the year without service of formal notices—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers	280
--	-----

3. Action under Statutory Powers during the year—

(a) Proceedings under Sections 9, 10 and 36 of the Housing Act, 1936 :

(1)	Number of dwelling-houses in respect of which notices were served requiring repairs	62
(2)	Number of dwelling-houses which were rendered fit after service of formal notices—	
(a)	By Owners	59
(b)	By Local Authority in default of Owners ...	3

(b) Proceedings under the Public Health Acts.

(1)	Number of dwelling houses in respect of which notices were served requiring defects to be remedied	15
(2)	Number of dwelling houses in which defects were remedied after service of formal notices.—	
(a)	By Owners	18
(b)	By Local Authority in default of Owners ...	1

(c) Proceedings under Section 11 and 13 of the Housing Act, 1936 :

(1) Number of dwelling houses in respect of which Demolition Orders were made	...	...	Nil
(2) Number of dwelling houses demolished in pursuance of Demolition Orders	...	...	Nil

(d) Proceedings under Section 12 of the Housing Act, 1936 :

(1) Number of separate tenements or underground rooms in respect of which closing orders were made	...	Nil
(2) Number of separate tenements or underground rooms in respect of which closing orders were determined the tenement or room having been rendered fit	...	Nil

Nuisances.

Total number of nuisances during the year	...	...	239
(1) Abated as a result of informal action by Sanitary Inspectors	...	...	202
(2) Reported to Council :—			
(a) Statutory Notices issued	...	...	37
(b) Statutory Notices not issued	...	...	7

Details of Nuisances Abated.

	After Informal Intimation	After Statutory Notice
Overcrowding	1	—
Smoke	—	—
Accumulation of refuse and manure	8	1
Foul ditches, ponds and stagnant water	3	—
Foul pigs and other animals	3	—
Dampness	41	13
Yards, repaved or repaired...	35	19
Other nuisances (Drains etc.)	111	4

4. Housing Act, 1936.—Part IV. Overcrowding.

(a).—(1) Number of dwellings overcrowded at end of year	...	3
(2) Number of families dwelling therein	...	4
(3) Number of persons dwelling therein	...	33
(b).—Number of new cases of overcrowding reported during the year		1
(c).—(1) Number of cases of overcrowding relieved during the year		1
(2) Number of persons concerned in such cases	...	16
(d).—Particulars of any cases in which dwelling houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	..	Nil

SECTION E.
INSPECTION
AND
SUPERVISION OF FOOD.

Section E. Inspection and Supervision of Food.

(a) Milk Supply.

COWHOUSES AND COWSHEDS.

Number on register	...	...	...	4
Number of inspections	...	...	...	18
Contraventions of Regulations	...	...	...	1
Contraventions remedied	...	...	...	1
Number of milch cows in district	...	...	...	89

DAIRIES AND MILKSHOPS.

Number on register	...	...	...	12
Number of inspections	...	...	...	68
Contraventions of Regulations	...	...	...	2
Contraventions remedied	...	...	...	2
Any disease attributed to milk during the year	...	...	...	Nil

MILK (SPECIAL DESIGNATIONS) ORDER, 1936.

Number of Accredited Producers	...	...	...	4
Number of Accredited Premises	...	..	...	4

Seven samples of Accredited milk were taken by the County Authority during the year and with two exceptions these were satisfactory. Twelve samples were taken by the Health Department, all of which were satisfactory on bacteriological examination. Two proved to be unsatisfactory on biological examination and the two animals concerned were removed from the herd and subsequently destroyed.

The Food and Drugs Act and Milk and Cream Regulations are administered by the County Council.

There are two premises licensed for the pasteurization of milk and these are under regular inspection and supervision. Of 10 samples of pasturised milk taken during the year nine were satisfactory. The other was slightly unsatisfactory owing to a small error in pasteurization.

Ice Cream.

Careful supervision and control over conditions of manufacture and sale of ice cream were maintained during the year.

Two-hundred-and-sixty-three inspections were carried out upon the premises used for manufacture for the purpose of sale, or for the sale, or the storage of Ice Cream intended for sale, and such premises were generally found to be in satisfactory condition.

Samples of Ice Cream were submitted for bacteriological examination and most proved to be satisfactory. Appropriate action was taken in the case of samples which were unsatisfactory.

SECTION F.
PREVALENCE OF AND CONTROL
OVER
INFECTIOUS AND OTHER DISEASES.

Section F.—Prevalence of, and Control over, Infectious and other Diseases.

Notifiable Diseases (other than Tuberculosis) during the year 1948.

DISEASE	Total Cases Notified	Cases Admitted To Hospital	TOTAL DEATHS
FOOD POISONING ...	3	—	—
POLIOENCEPHALITIS	1	1	—
SCARLET FEVER ...	65	24	—
DIPHTHERIA ...	2	2	—
PNEUMONIA ...	39	—	9
ERYSIPELAS	17	1	—
C.S. MENINGITIS ...	1	1	—
MEASLES ...	708	3	—
WHOOPING COUGH	233	—	1
B.T. MALARIA ...	1	—	—
PARATYPHOID FEVER	1	1	—
TOTALS	1071	33	10

Cases of Infectious Disease in their respective months.

Notifiable Diseases.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Totals.
Food Poisoning	—	—	—	3	—	—	—	—	—	—	—	—	3
Polioencephalitis	1	—	—	—	—	—	—	—	—	—	—	—	1
Scarlet Fever ...	2	6	5	3	3	5	7	9	7	6	8	4	65
Diphtheria ...	—	—	1	—	1	—	—	—	—	—	—	—	2
Pneumonia ...	11	1	2	4	2	2	2	4	3	2	1	5	39
Erysipelas ...	1	—	—	3	—	2	2	1	2	2	1	3	17
C.S. Meningitis	—	—	—	—	—	—	—	—	1	—	—	—	1
Measles ...	5	5	17	9	2	159	369	43	2	9	37	51	708
Whooping Cough	28	12	4	11	26	44	41	25	8	5	9	20	233
Paratyphoid Fever	—	—	—	—	—	—	—	1	—	—	—	—	1
B.T. Malaria ...	—	—	—	—	1	—	—	—	—	—	—	—	1
TOTALS	48	24	29	33	35	212	421	83	23	24	56	83	1071

Diphtheria Immunisation.

Diphtheria Immunisation became the responsibility of the Local Health Authority on the 5th July, 1948, and I am grateful to the County Medical Officer for providing the following information :

Number of children under 5 years immunised ...	323
Number of children between five and 14 immunised	63
Total	<u>386</u>

In addition 91 children previously immunised received reinforcing injections.

Cancer.

Deaths from Cancer in the Borough, compiled locally in sex and age groups are tabulated as follows :—

CANCER DEATHS, 1948.

Age	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	Totals
Male	—	—	—	3	2	10	8	3	26
Female	—	—	—	—	9	7	5	2	23
Totals	—	—	—	3	11	17	13	5	49

Prevention of Blindness.

The Lindsey County Council provides for the medical treatment of necessitous blind persons through their Public Health Committee. This includes specialist treatment in connection with blindness or the prevention of blindness.

Other services are provided through the Lindsey Society for the Blind in connection with the education, training, employment and general welfare of blind persons.

TUBERCULOSIS.

NOTIFICATION AND DEATHS. *

New Cases, 1948.

Deaths, 1948.

Age Periods	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	Males	Females	Males	Females	Males	Females	Males	Females
Under 1 year				1				
1 to 2 years								
2 to 3 "			1					
3 to 4 "		1						
4 to 5 "	1	1						1
5 to 10 "	1		1	2				
10 to 15 "		1		2				
15 to 20 "	2	4	1		2			1
20 to 25 "	2					1		
25 to 35 "		4		1		1		
35 to 45 "	2	1					1	
45 to 55 "	2				1	1		
55 to 65 "	1							
65 years & over	1				1			
Totals	12	12	3	6	4	3	1	2

* From local records.

No action has been required under the Public Health (Prevention of Tuberculosis) Regulations, 1925, (relating to persons employed in the milk trade) nor under Section 172 of the Public Health Act, 1936.

Tuberculosis Deaths according to Occupation.

Males	Pulmonary	Non-Pulmonary
Fish Worker ...	1	1
Joiner's Apprentice	1	—
Seaman (Marine Service)	1	—
Club Manager	1	—
	<u>4</u>	<u>1</u>
Females		
Housewife ...	2	—
Bus Conductress ...	1	—
Child ...	—	2
	<u>3</u>	<u>2</u>

Cleethorpes Tuberculosis Dispensary.

As mentioned previously, the Dispensary became merged with the Chest Clinic, Grimsby, on 1st October, 1948. During the year 33 new cases were added to the Tuberculosis Register. 196 cases were written off the Register as having removed to other areas or having been lost sight of, or died, leaving 233 cases on the Register at the end of the year. 17 cases were written off as recovered.

Tuberculosis After Care Committee.

This Committee renders valuable service in the after-care of cases of Tuberculosis. Special attention is paid to necessitous cases and their families, assistance being given in obtaining extra nourishment, clothing, etc., and in the form of holiday grants.

An Occupational Centre with a Workshop in St. Hugh's Avenue, is maintained by the Committee and provides a means to utilise the lessened working capabilities of selected cases.

An annual grant of £50 is made by the Lindsey County Council to augment the funds of the Committee whose work is voluntary.

INFECTIOUS DISEASE.

**Bacteriological Examinations carried out during
the year 1948.**

Cleethorpes Laboratory.				Total number of Examinations
Diphtheria	Diagnosis,			
	Contacts and	Positive	3	
	Freedom	Negative	28	
Sputa for Tuberculosis	Diagnosis and	Positive	—	
	Supervisory	Negative	36	
Other specimens	... ..	...	2	
Total Bacteriological Examinations				69

**Grimsby General Hospital.
Department of Pathology.**

Diphtheria	Diagnosis,			
	Contacts and	Positive	—	
	Freedom	Negative	23	
Sputa for Tuberculosis	Diagnosis and	Positive	2	
	Supervisory	Negative	7	
Total Bacteriological Examinations				32

REPORT
ON
THE METEOROLOGICAL CONDITIONS
PREVAILING AT CLEETHORPES
DURING 1948.

ALAN B. COOPER, A.M. Inst. C.E.,
Borough Engineer and Surveyor.

Report on the Meteorological Conditions prevailing at Cleethorpes during 1948.

ALAN B. COOPER, A.M. Inst. C.E.,
Borough Engineer, Cleethorpes.

The weather conditions prevailing during 1948 compared rather unfavourably with the previous year which was exceptionally fine. The average temperature and hours of sunshine compared quite favourably, however, with those of previous years.

SUNSHINE.

From 1st January to 31st December, 1948, inclusive, 1535.6 hours of bright sunshine were recorded.

This gives a daily average of 4.16 hours as compared with 4.42 hours for the previous year. The sunshine totals for the early months of the year, i.e., February, March, April and May, were well above average but during the summer months they were rather lower. In October they reverted back to normal.

The maximum amount of sunshine recorded on one day was 15.1 hours on the 29th July. The last twelve days in July were very good and, excepting for the 24th (1.5 hours), the daily totals never fell below 8.4 hours, while on eight days the totals amounted to more than 10 hours of bright sunshine.

The greatest number of hours of bright sunshine in one month was 222.4 hours for April which is a record for that month.

RAINFALL.

23.62 inches of rain were recorded during the year. This shows an increase of 4.39 inches on the previous year's total of 19.23 inches.

The driest month of the year was March with 0.59 inches of rain falling over a period of ten days, and the wettest month was January with 4.27 inches of rain distributed over a period of 29 days.

This total is a record for January and amongst the highest falls for any one month.

The greatest rainfall in any one day was 1.67 inches on the 29th April.

TEMPERATURE OF THE AIR.

The average maximum shade temperature of 42.75° F. for February, 1948, is the lowest average for the year; while 66.0° F. maximum shade temperature in July is the highest average.

The average minimum shade temperature of 35.87° F. for January, 1948, is the lowest.

The lowest air temperature recorded during the year was 22° F. on 24th November. The highest maximum temperature during the same period was 81° F. on the 26th and 31st July. The lowest ground minimum temperature was 22° F. on the 24th November.

RELATIVE HUMIDITY.

The average relative humidity for the year was 83.45%.

MISCELLANEOUS PHENOMENA.

During the year frosts were recorded on 33 occasions as follows : —

8 occasions during January	6 occasions during February
3 „ „ March	2 „ „ April
2 „ „ October	5 „ „ November
7 „ „ December.	

Snow fell on five days during 1948 and hail on three days. The wind reached gale force (or above) on the 13th and 15th of January, the 8th, 9th, 20th and 21st of February, 31st of March, 1st of April, 20th of May and the 8th of July.

The average amount of sky covered (in tenths) by cloud was 7.0.

The Cleethorpes Meteorological Station No. 2574 is officially recognised by the Air Ministry Meteorological Office as an Auxiliary Climatological Station, and a First Class Health Resort Station.

Nightly reports to the Air Ministry in the form of a Weather Telegram were dispatched every night of the year.

The Station is under control of the Borough Engineer and Surveyor, (Alan B. Cooper, A.M., Inst. C.E.) and the Observer during 1948 was D. K. Jackson, who is a member of the Engineer's staff.

A summarised statement is attached to this report.

Summary of Meteorological Observations taken at Cleethorpes during 1948.

1948	Average Temperature		Total Sunshine in hours	No. of Sunless Days	Total Rainfall Inches	Days with Rain	Average Relative Humidity	Av. Cloud Amount in 10ths.
	Max.	Min.						
	^{° F}	^{° F}						
January	45.38	35.87	38.4	14	4.27	25	95.48	7.86
February	42.75	36.17	55.0	6	1.03	12	86.20	8.27
March	52.97	38.67	154.7	5	0.59	10	81.54	5.74
April	58.33	40.93	222.4	0	2.67	9	75.80	4.86
May	58.25	44.19	216.2	4	2.00	11	84.93	6.32
June	62.80	49.30	177.2	2	2.99	21	81.20	7.50
July	66.00	52.58	168.4	3	0.80	10	77.77	6.61
August	65.11	52.32	132.7	3	2.49	15	78.74	8.32
September	64.50	50.63	129.2	1	2.13	13	79.66	7.56
October	57.25	44.74	110.3	3	1.68	11	82.58	6.79
November	49.50	38.57	75.3	6	0.92	13	89.60	6.96
December	46.93	38.64	55.8	8	2.05	16	88.00	7.11
Sums	669.59	528.61	1535.6	55	23.62	155	1001.50	83.90
Means	55.79	44.05	127.96	4.5	1.96	1.28	83.45	7.00

Greatest fall of rain in a day
(Most ever recorded since 1910

1.67 ins. on 29th April, 1948.
2.49 ins. on 24th June, 1911).

Greatest amount of sunshine in a day
(Most ever recorded since 1910

15.1 hours on 29th July, 1948.
15.7 hours on 17th June, 1932
and 14th June, 1940)

Highest shade temperature recorded

81° F. on the 26th and 31st
July, 1948.

(Max. ever recorded since 1910

90° F. on 28th August, 1933).

Lowest shade temperature recorded
(Lowest ever recorded since 1910

22° F. on 24th Nov., 1948.
9° F. on 16th February, 1929)

Lowest ground temperature recorded
(Lowest ever recorded since 1932

22° F. on 24th Nov., 1948.
9° F. on 16th February, 1940.

Winds.

Direction.	No. of Days.
N.	33
NNE.	1
NE.	9
ENE.	1
E.	25
ESE.	8
SE.	17
SSE.	19
Calm	16

Direction.	No. of Days.
S.	74
SSW.	10
SW.	46
WSW.	23
W.	38
WNW.	11
NW.	23
NNW.	12
Prevailing Wind —	S.W.

